



Attorney Docket No. 61633.001092
Attorney Customer No. 27682

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re US Patent Application of:)	
)	
Bennett C. WARD, et al.)	
)	
Application No.: 10/790,464)	Group Art Unit: Unassigned
)	
Filing Date: March 1, 2004)	Examiner: Unassigned
)	
Title: BICOMPONENT FIBER WICK)	

INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Enclosed is an Information Disclosure Statement, accompanying form PTO-1449 and copies of references in connection with the above-identified patent application.

- ☒ [X] No additional fee for submission of an IDS is required.
- ☐ [] Check No. _____ in the amount of \$_____ as set forth in 37 C.F.R. §1.17(p) is required and attached hereto.
- ☐ [] Charge \$_____ to Deposit Account No. 08-3436 for the fee due.

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The Commissioner is hereby authorized to charge any appropriate fees that may be required by this paper to Deposit Account No. 08-3436.

Date: September 27, 2004

Respectfully submitted,

By: 

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Registration No. 42,285

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Alexandria, VA 22313-1450


Sir:

Attached hereto is a duly completed Form PTO-1449 listing references which may be considered either material or helpful to the examination of the above-identified patent application. It is requested that all these references be considered by the Examiner and officially made of record. The Commissioner is authorized to charge any additional fees and credit any overpayment to Deposit Account No. 08-3436.

Should any questions arise concerning this matter, please contact the undersigned attorney at the telephone number provided below.

Respectfully submitted,

Date: September 27, 2004

By: 
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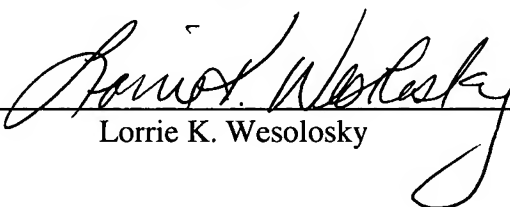
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Lorrie K. Wesolosky

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Applicant: Bennett C. WARD, et al
Application No.: 10/790,464
Filing Date: March 1, 2004
Attorney Docket No.: 61633.001092
For: BICOMPONENT FIBER WICK

Date: September 27, 2004
Group Art Unit: Unassigned
Examiner: Unassigned
Express Mail No.: N/A

Instrument: Information Disclosure Statement, PTO-1449 and applicable references and Certificate of Mailing Under 37 C.F.R. 1.8.

The Official date stamp of the United States Patent and Trademark Office hereon is evidence of the fact that subject instrument for the above-identified case has been received by the U.S. Patent and Trademark Office.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/790.464		
		Filing Date	March 1, 2004		
		First Named Inventor	Bennett C. WARD		
		Art Unit	Unassigned		
		Examiner Name	Unassigned		
Sheet	1	of	3	Attorney Docket Number	61633.001092

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
	1	US-	2,936,482	05-17-1960	Kilian	
	2	US-	3,176,345	06-25-1962	Powell	
	3	US-	3,192,562	06-25-1962	Powell	
	4	US-	3,457,341	07-22-1969	Duncan, et al.	
	5	US-	4,117,194	09-26-1978	Barbe, et al.	
	6	US-	4,173,504	11-06-1979	Tomioka, et al.	
	7	US-	4,217,321	08-12-1980	Campbell	
	8	US-	4,270,962	06-02-1981	Sugihara, et al.	
	9	US-	4,286,005	08-25-1981	Berger	
	10	US-	4,354,889	10-19-1982	Berger	
	11	US-	5,162,074	11-10-1992	Hills	
	12	US-	5,445,884	08-29-1995	Hoyt, et al.	
	13	US-	5,509,430	04-23-1996	Berger	
	14	US-	5,607,766	03-04-1997	Berger	
	15	US-	5,620,641	04-15-1997	Berger	

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
		UK	2036115	11-05-1979	Sugihara, et al		
		WO	96/39054	12-12-1996	Berger		
		DE	19923344	11-23-2000	Bauer		

Examiner Signature		Date Considered	
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO SEP 2 8 2004 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
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				Examiner Name	Unassigned
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Sheet	2	of	3		

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Examiner Signature		Date Considered	
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		<i>Examiner Name</i>	Unassigned		
Sheet	3	of	3	<i>Attorney Docket Number</i>	61633.001092

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	1	"New Concepts in Melt-Blown Design Applied to", ECKHARD, Schwarz Biax-Fiberfilm Corp., March 1987, pp.206-220	
	2	"Bicomponent Fibers: A Personal Perspective", IFJ, June 1998, pp. 26-42	
	3	<i>Textured Yarn Technology</i> , Vol. 1, "Production, Properties and Processing," Monsanto Co., 1967, pp. 13-14, 17	
	4	"Fundamentals of Fibre Formation, The Science of Fibre Spinning and Drawing", ZIABICKI, pp. 366-373, 386	

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